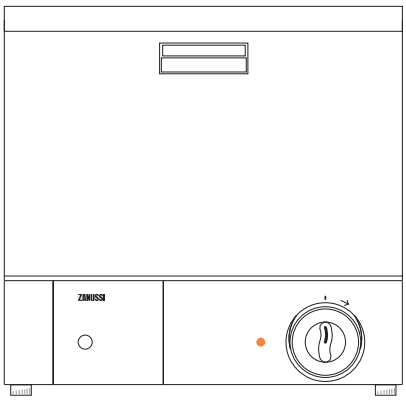
ZANUSSI

DISHWASHER
GESCHIRRSPÜLER
DCS 11



INSTRUCTION BOOKLET
GEBRAUCHSANWEISUNG

822 90 11-52

Contents

For the User

Safety information 3

Description of the appliance 4
- Rinse conditioner dispenser
- Spray arm
- Coarse filter
- Fine filter
- Detergent dispenser

Controls and programme table 5

Loading 6
- How to load the dishes
- Instruction for test centres

Using the appliance 7
- Starting the programme

In the event of a fault 8

Service 9
- Service and spare parts

For the Installer

Technical specifications 9

Unpacking 10
- Damages
- Use
- Building-in
- Protecting the machine against freezing

Installation 11
- Positioning
- Water supply
- Discharge connection
- Electrical connection

Gebrauchsanweisung 12

Guide to use the instruction book

The following symbols will be found in the text to guide you throughout the instructions:

Safety instructions

Step by step instructions

Hints and tips

Environmental information

ZANUSSI

From the Electrolux Group. *The world's No.1 choice.*

The Electrolux Group is the world's largest producer of powered appliances for kitchen, cleaning and outdoor use. More than 55 million Electrolux Group products (such as refrigerators, cookers, washing machines, vacuum cleaners, chain saws and lawn mowers) are sold each year to a value of approx. USD 14 billion in more than 150 countries around the world.

Die Electrolux-Gruppe ist der weltweit größte Hersteller von gas- und strombetriebenen Geräten für die Küche, zum Reinigen und für Forst und Garten. Jedes Jahr verkauft die Electrolux-Gruppe in über 150 Ländern der Erde über 55 Millionen Produkte (Kühlschränke, Herde, Waschmaschinen, Staubsauger, Motorsägen und Rasenmäher) mit einem Wert von rund 14 Mrd. USD.

CE

AGB 03-07

⚠ Safety information

Before installing and first using the dishwasher, read this instruction booklet carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the dishwasher are thoroughly familiar with its operation and safety features.
Save these instructions and make sure they remain with the dishwasher if it is moved or sold, so that everyone using it through its life can be properly informed on appliance use and safety.

Installation and servicing

- All installation and service work done on the product must be carried out by a qualified technician. Work performed by persons with inadequate knowledge may adversely affect the satisfactory functioning of the product and may cause personal injury or damage. Before any work is carried out on the dishwasher, it must be isolated from the electrical supply, by unplugging the power cord or removing the fuse.
- The power cord must be plugged into an earthed socket. Permanent installation must only be carried out by an authorized electrician.
- Water connection shall be made via an easily accessible stopcock.
- If the power cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- Make sure that the power cord is not nipped or otherwise damaged and that the hoses do not get crushed or kinked when moving the dishwasher in connection with installation or cleaning etc.
- Our approved build-in kit must be used if the dishwasher is to be built into the kitchen furnishings.
- Servicing and possible repairs must be carried out by a service company authorized by the supplier. Use only spare parts supplied by these. Never try to repair the dishwasher yourself.

Child Safety

- The dishwasher should be used by adults only. Do not let children play with the controls or other parts of it.
- Remember that the plastic bags included in the packaging can be fatal playthings for small children.
- Keep all detergents in safe place out of children´s reach.
- Prevent children from sitting, swinging or standing on the open door.

During Use

- This dishwasher is designed solely for washing household utensils suitable for machine washing. Using it for other purposes could lead to physical injury or damage to property and invalidate the guarantee.
- Avoid opening the door while the dishwasher is running, as hot steam may escape.
- Only use detergent specifically designed for use in dishwashers.
- Do not place sharp knives with their points upwards. It is much safer to lay them horizontally in the basket.
- If you take any dishes out of the machine before the end of the dishwashing cycle, it is extremely important to rinse them thoroughly under running water to remove any remaining detergent.
- After using the machine, turn off its water supply and disconnect it from the power supply. When removing the electrical plug, grip the plug, not the lead.
- In the event of flooding or leakage, shut off the water supply immediately by closing the stopcock and disconnect the power supply by unplugging the power cord or removing the fuse.

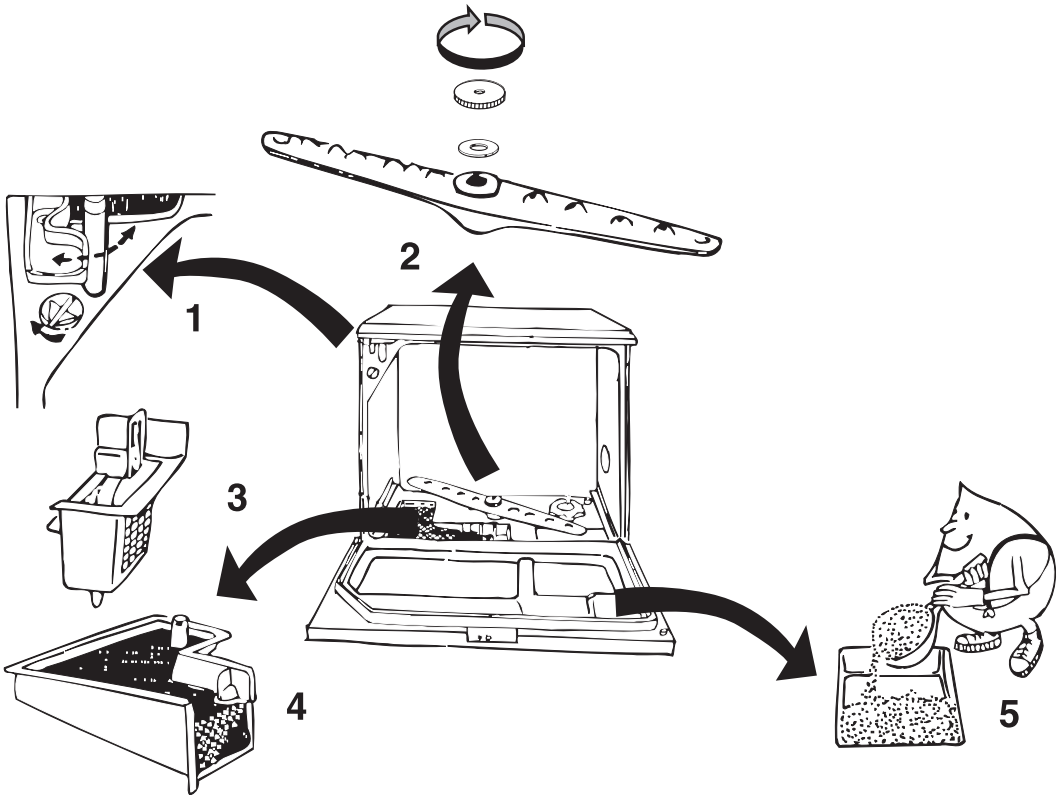
Identification of materials

All materials used in packaging this appliance are environmentally-friendly. The various plastics used are identified and can be recycled:

- PE stands for polyethylene, which is used for the bag around the appliance and the bag in which these instructions were supplied.
- PS stands for polystyrene (moulded), which is used for the sections of packaging needed to cushion the appliance.

The cardboard components of the packaging are made from recyclable paper and should be taken to a collection point for recycling.
The appliance contains plastic and rubber components. These have identifying marks to show what they are made from, so they can be recycled or disposed of properly at the end of the appliance's life cycle.
The materials are identified according to international standards.

Description of the appliance



Rinse conditioner dispenser (1)

Use of a rinse conditioner will result in cleaner and faster drying of the load, since it helps water and soil to run off. Too much conditioner may result in streakiness, too little may cause white spots. The dispenser holds about 140 ml. This is enough for 40-70 wash cycles, depending on the dosage setting. When the rinse conditioner level is approaching the bottom of the scale it is time to refill the dispenser. Swivel out the filler trough and carefully fill up with rinse conditioner until the level reaches up to the red mark on the level indicator tube. Do not overfill and carefully wipe off any spillage to prevent sudsing problems. Don't forget to close the filler trough afterwards. Adjust the dosage setting according to the hardness if the water. Begin with the lowest dosage setting and increase as necessary by turning the arrow clockwise.

⚠ Do not fill the rinse aid dispenser with liquid detergent.

Spray arm (2)

It is important to keep all the holes in the spray arm clear. A clogged hole can seriously affect washing efficiency. If the spray arm needs cleaning, unscrew the nut clockwise (left-hand thread) and lift off the spray arm. Clear the holes and shake out any food remnants.

Coarse filter (3)

The purpose of the coarse filter is to catch large objects such as toothpicks and pieces of eggshell. Make sure that the filter is always clean. Lift it out and rinse it under running water whenever necessary.

Fine filter (4)

It is just as important to keep this filter clean. A dirty or clogged filter will always impair washing efficiency. The fine filter can easily be lifted out for cleaning when you have removed the coarse filter.

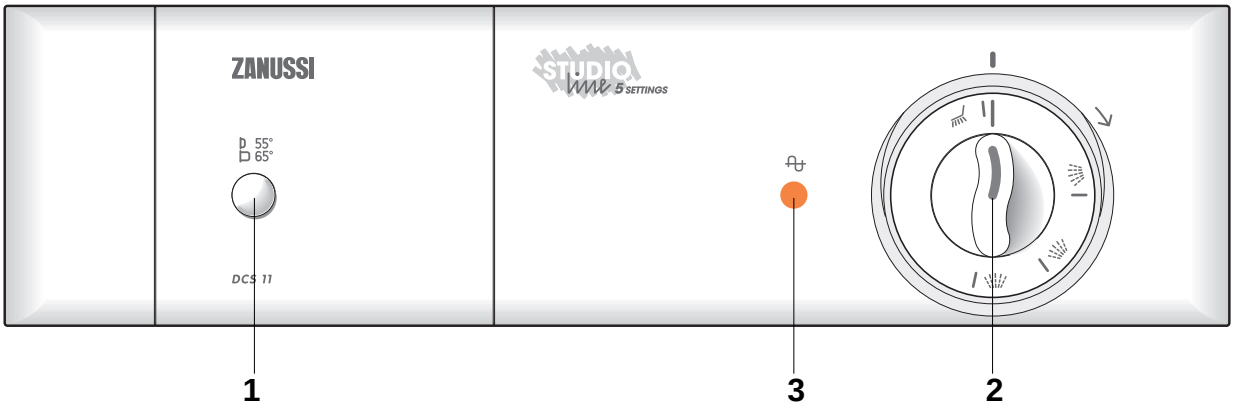
Detergent dispenser (5)

Only use detergents specially designed for dishwashers. Pour the detergent into the compartment, for a normal load about 1-2 tablespoons.

Controls and programme table

SETTING		CONSUMPTION PER CYCLE				
		Cold water supply 15°C		Hot water supply 60°C		
Cycle	Temp.selection °C	Energy/ kWh	Time/ min	Energy/ kWh	Time/ min	Water/ litres
	55	0,60	47	0,19	29	13
	65	0,75	55	0,28	33	13

- All figures are nominal and vary for example due to temperature variations on the inlet water.
- The figures apply to washing up 5 settings.



1 Temperature selector

55° - Button in
65° - Button out

2 Selector knob

To start the machine:
- Turn the selector knob clockwise to the programme start. The ON/OFF switch is built into the programme selector. To isolate the dishwasher from the mains completely, unplug it from the wall socket.

During the water heating process, the timer is standing still.

3 Cycle sequence lamp

While the programme is in progress, the operating lamp is lit and it goes out when the programme is ready.

Door lock

Press the handle down and open the door. Avoid opening the door while the machine is running.

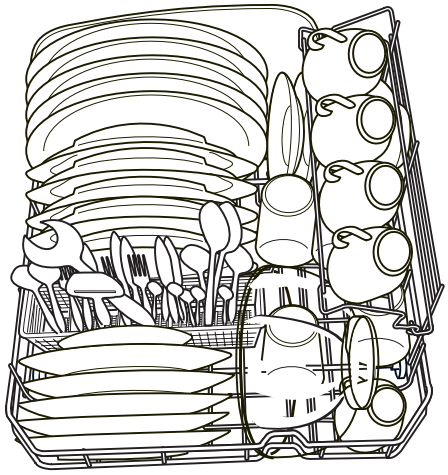
If the door is opened and is put standing ajar after a completed programme, the dishes will dry faster.

Loading

How to load the dishes

The illustration shows the machine loaded with five standard place settings. Your own dishes are not likely to be identical to this load, but if you follow the advice below we are sure you will be pleased with the results.

1

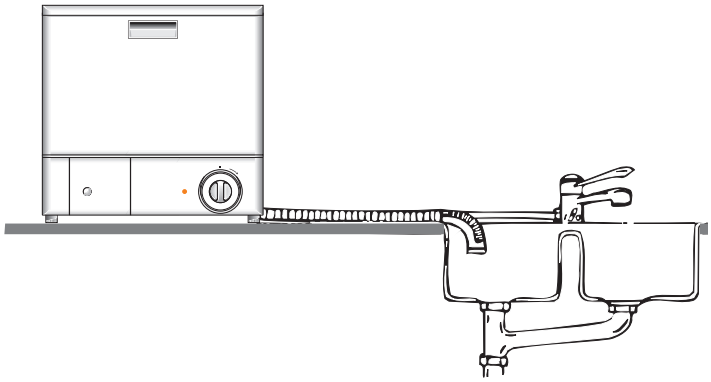


- Always place glasses, cups and bowls upside down.
- Incline deep dishes (soup plates etc.) so that the water can run off when drying.
- Make sure that the dishes do not rest against each other. This is particularly important in regard to the cutlery basket - nested spoons, etc. simply cannot be properly washed. The water must get at all the soiled surfaces.
- Make sure that cutlery with slender handles and other items do not protrude through the openings in the basket and prevent the spray arm from rotating.
- Never put silver and stainless steel objects together. When these metals come into contact with each other a chemical reaction occurs which stains the silver.
- China with a pattern applied on top of the glaze may not be suitable for machine washing as the colours may fade and lose their lustre. The same applies to cutlery with wooden or plastic handles.

  Make sure you always buy articles that are dishwasher safe.
- Aluminium becomes dull and tarnished when machine washed. The machine gets it clean, but at the expense of its appearance.
- Not all plastic articles are machine washable. If you are in doubt as to whether your plastic-ware can be washed in the machine, we suggest you check by washing a single item or else wash them by hand.
- When washing delicate items, select the lower wash temperature.
- Substances such as ketchup containing strong colouring agents can cause temporary discolouration to the interior of the dishwasher.

  Do not place sharp knives with their points upwards. It is much safer to lay them horizontally in the main basket.

2



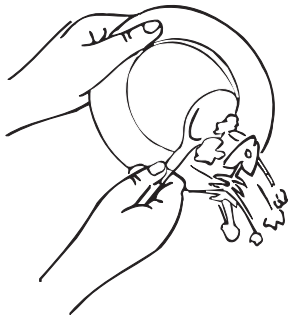
Instruction for test centres

Test standard:	EN 50242
Rated capacity:	5 place settings
Loading of rack:	According to figure 1
Test program:	Normal 65° C
Detergent (IEC type B):	15 gram in the dispenser
Rinse aid (typ III):	Setting medium
Feed water pressure:	Minimum 0,8 bar, maximum 10 bar
Waste water outlet:	Install according to figure 2

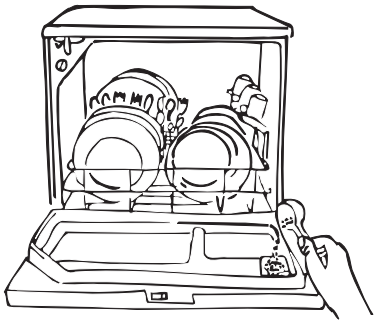
Rinse aid dispenser shall be filled in accordance with the instruction manual. Before conducting the measurements the dishwasher shall be operated for one or two complete cycles using detergent and a clean load.

Using the appliance

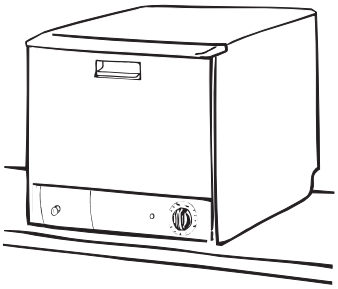
1



2



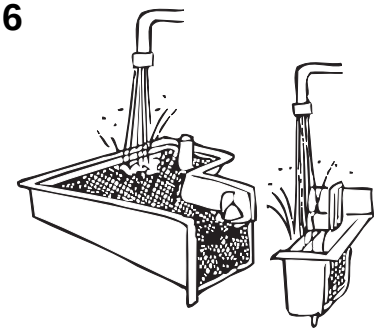
3



4

5

6



Starting the programme:

1. Scrape or rinse off solid food remnants.
2. Load the dishwasher. (See the basket and loading).
   Pour the detergent into the compartment, for a normal load about 1-2 tablespoons.
3. Close the door.
4. Select the required temperature.
5. Start the dishwasher by turning the programme knob to the start position.
6. Check the filters to see whether they need cleaning when the dishwasher has finished the wash.

In the event of a fault

If water leaks from the machine, turn off the water supply tap or stopcock immediately and isolate the machine from the electrical supply by removing the plug from the wall socket.

Check that all seals, seams and connections are watertight.

There is always a certain risk of leakages in any machine connected to a water supply, no matter what water safety features it may have. Therefore it is advisable always to turn off the water supply tap when the machine is not in use.

Check the following before calling a repairman:

Fault	Check
• **Dishwasher fails to start.**	• Is the door properly closed? • Have you set the programme control knob properly? • Is the water tap or stopcock on? • Is the dishwasher plugged in? • Has the fuse blown?
• **Water not discharged at end of cycle.**	• Did you open the door before the light went out and the cycle ended? • Are the filters clogged? • Is the discharge hose blocked?
• **Dishes not washed satisfactorily.**	• Has anything prevented the spray arm from rotating? • Were the dishes packed too close together? • Did you use enough detergent? (Correct amount: about 1-2 tablespoons/load) • Are the filters clogged? • Is the rinse aid dispenser empty? • Check that the spray arm holes are not clogged. • Are the filters fitted correctly in place?
• **Dishes dull or streaky.**	• Limescale from hard water has probably formed in the machine and is being deposited on the dishes. Buy a limescale remover and follow the instructions on the package to descale the dishwasher.

Never attempt to repair the dishwasher yourself. Repairs carried our by unauthorised or inexperienced persons can cause injury or other machine faults.

CE This appliance complies with the following E.E.C. directives:

– 73/23/EEC, dated 19.02.1973 – low-voltage directive.

– 89/336/EEC, dated 03.05.1989 (incl. amendment

– 92/31/EEC) – directive on electromagnetic compatibility.

Service

Service and spare parts

Servicing and repairs must be carried out by a service company authorized by the supplier. Use only spare parts supplied by these.

Before calling service, use the trouble shooting list ”In the event of a fault” to try to attend to the fault yourself. If service is called in to remedy a problem that is in this list, there is a risk that you will be responsible for the cost. This is also true if you have used the appliance for a purpose other than it is intended for.
Note that electrical faults should always be rectified by a certified electrician.

Give the appliance’s model designation, product- and serial numbers according to the data plate affixed to the rear of the dishwasher.
You can record these details here:

TYPE. .....

MOD. .....

PROD.NO. .....

SER.NO. .....

Purchase date.....

Installation instructions

Technical specifications

Capacity:	5 place settings accordance EN 50242	
Dimensions:	Height Width Depth	460 mm 450 mm 480 mm
Weight:	Net	17 kg
Water pressures:	Minimum Maximum	50 kPa (0,5 bar) 1000 kPa (10 bar)
Water temperature:	Maximum	65° C
Electrical data:	Power supply Fuse Heating element Power rating	230 V - 50 Hz 10 A 1200 W 1280 W

Unpacking

Damages

If the dishwasher has been damaged during transport, you should immediately notify the company responsible for delivering it.
Check that the dishwasher is undamaged. If you discover any damage, faults or that anything is missing, you should notify the dealer immediately.

Never leave packaging material in a place where children may play with it.

Check that the following accessories are supplied with the dishwasher when you unpack it:

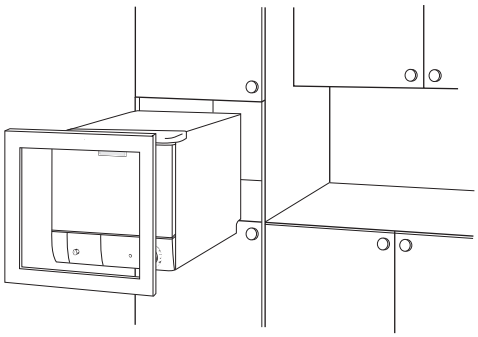
- Elbow for discharge hose

Use

This dishwasher is designed solely for washing household utensils suitable for washing in a dishwasher. Using it for other purposes may damage it and invalidate the guarantee.

Building-in

If you want to build the dishwasher into your kitchen furniture, it is important to use our approved build-in kit. This comes with the correct instructions needed to observe all the relevant regulations. You can obtain the build-in kit from the same place where you bought the dishwasher.



Protecting the machine against freezing

If the dishwasher is placed in an environment where the temperature sometimes falls below 0° C, there is a risk that the small amount of water which remains inside the parts of the dishwasher will freeze and damage it.
To prevent this you should:

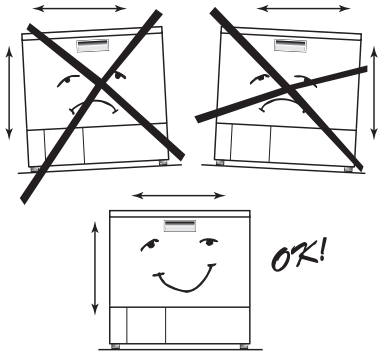
1. Turn off the water supply to the dishwasher.
2. Disconnect the water inlet and discharge hoses.
3. To empty the inlet valve; select a wash programme, and let the programme run for a few seconds.

The appliance is only to be used and stored indoors at normal room temperature. The manufacture is not responsible for any frost damage.

Installation

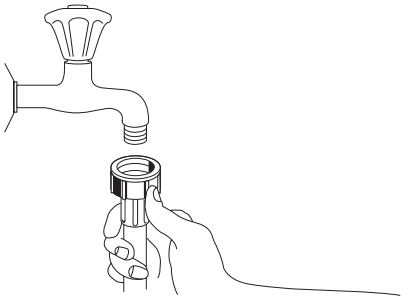
Positioning

In its standard version the machine is intended for installation on a kitchen sink or worktop. To function properly the machine must be fully level. Its height can be adjusted with the adjustable feet (8 mm each).



Water supply

The temperature of the water supply should not exceed 65° C and the pressure should be between 50-1000 kPa (0,5 - 10 bar).
It is important to have a tap or stopcock, positioned close to the dishwasher and with easy access. Special mixer taps with dishwasher connections are available, as well as adaptors for older mixer taps. Connect the inlet hose to a tap with a 3/4" pipe thread.



The inlet hose must not be joined onto any form of extension hose. If it is too short, the entire hose must be replaced with a longer high-pressure hose, specially designed for the purpose. The end of the hose, which is connected to the dishwasher can be turned in any direction. Loosen the retaining nut, turn the hose, then retighten the nut.

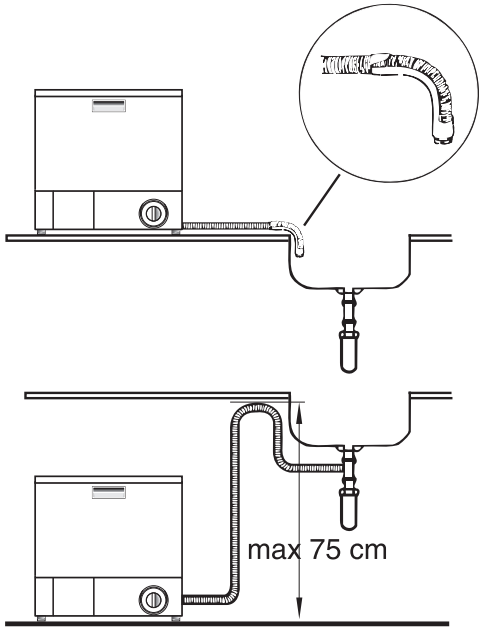
⚠ Check that the nut is tight before the machine is moved into position.

⚠ Use only the inlet hose supplied to the dishwasher, do not reuse the old inlet hose.

Discharge connection

Place the discharge hose over the sink as illustrated.
It must not at any point be higher up than 75 cm over the surface which the dishwasher is standing on. If it runs higher, operation of the dishwasher might be impaired.

It is also important to ensure that the inside diameter of the hose is not less than 13 mm at any point. If the discharge hose is too long, it can easily be cut to the right length.

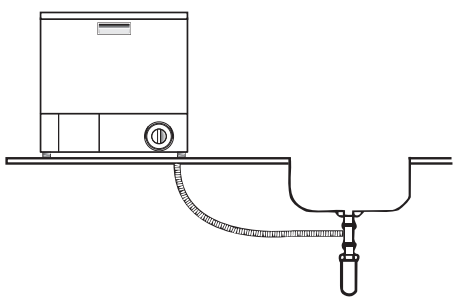


☞ 1. Cut the hose to a suitable length, using a sharp knife.

2. Fit the elbow supplied onto the end of the hose.

Electrical connection

The dishwasher is supplied with a lead and electrical plug for connection to a 230 V earthed wall socket, which should be easily accessible and protected by a 10 A fuse.



⚠ Before any work is carried out on the dishwasher, it must be isolated from the electric mains supply, for example by removing the plug from the wall socket.

⚠ Permanent electrical installation must be carried out by an authorized electrician or competent person.